

**Table 3. DOE Directives Requiring Central Technical Authority (CTA) Concurrence
Prior to Any Revision or Cancellation**

	DOE Directives¹ as of September 2016 (Corresponding archived Directives as listed in 2007 DOE O 410.1)	Title	Office of Primary Interest	Responsible EM CNS Staff
1	DOE O 151.1D (DOE O 151.1C)	<i>Comprehensive Emergency Management System</i>	National Nuclear Security Administration (NA)	Bill Weaver
2	DOE O 153.1 (DOE O 5530.3 Chg 1)	<i>Departmental Radiological Emergency Response Assets</i>	NA	Responsibility of CDNS Staff
3	DOE O 225.1B (DOE G 225.1A-1)	<i>Accident Investigations</i>	Office of Environment, Health, Safety and Security (AU)	Bill Weaver
4	DOE P 226.1B (DOE P 226.1)	<i>Department of Energy Oversight Policy</i>	AU	Bud Danielson
5	DOE O 227.1A (DOE O 227.1, DOE O 470.2B)	<i>Independent Oversight Program</i>	Office of Independent Enterprise Assessment (EA)	Caroline Garzon
6	DOE O 231.1B Admin Chg 1 (DOE M 231.1-1A Chg 1)	<i>Environment, Safety and Health Reporting</i>	AU	Bill Weaver
7	DOE O 232.2 Admin Chg 1 (DOE G 231.1-1, DOE G 231.1-2, and DOE M 231.1-2)	<i>Occurrence Reporting and Processing of Operations Information</i>	AU	Bill Weaver

¹ Listed in DOE Directives Website, <https://www.directives.doe.gov/>

	DOE Directives¹ as of September 2016 (Corresponding archived Directives as listed in 2007 DOE O 410.1)	Title	Office of Primary Interest	Responsible EM CNS Staff
8	DOE O 251.1C (DOE P 251.1A and DOE M 251.1-1B)	<i>Departmental Directives Program</i>	Office of Project Management Oversight and Assessments (PM)	Bud Danielson
9	DOE O 410.2 Admin Chg 1 (DOE O 5660.1B)	<i>Management of Nuclear Materials</i>	NA	Responsibility of CDNS Staff
10	DOE O 413.3B Chg 2 (Pg Chg) (DOE O 413.3A and DOE M 413.3-1)	<i>Program and Project Management for the Planning, Programming, Budgeting and Acquisition of Capital Assets</i>	PM	Caroline Garzon
11	DOE G 413.3 series (DOE M 413.3-1)	Series of 18 Implementation Guides supporting DOE O 413.3B	PM	Caroline Garzon
12	DOE O 414.1D Admin Chg 1 (DOE O 414.1C)	<i>Quality Assurance</i>	AU	Bud Danielson
13	DOE G 414.1-1C (DOE G 414.1-1A)	<i>Management Assessment and Independent Assessment Guide</i>	AU	Bud Danielson
14	DOE G 414.1-2B Admin Chg 2 (DOE G 414.1-2A, DOE G 414.1-3, and DOE G 414.1-5)	<i>Quality Assurance Program Guide</i>	AU	Bud Danielson
15	DOE G 414.1-4 (DOE G 414.1-4)	<i>Safety Software Guide for Use with 10 CFR 830 Subpart A, Quality Assurance Requirements and DOE O 414.1C, Quality Assurance</i>	AU	Bud Danielson

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16	DOE O 415.1 Admin Chg 1 (DOE G 200.1-1)	<i>Information Technology Project Management</i>	Office of Chief Information Officer (IM)	Bud Danielson
17	DOE P 420.1 (DOE SEN-35-91)	<i>Department of Energy Nuclear Safety Policy</i>	Office of Environment, Health, Safety and Security (AU)	Bud Danielson
18	DOE O 420.1C Chg 1 (DOE O 420.1B and DOE G 420.1-2)	<i>Facility Safety</i>	AU	Bill Weaver
19	DOE G 420.1-1A (DOE G 420.1-1)	<i>Nonreactor Nuclear Safety Design Guide for use with DOE O 420.1C, Facility Safety</i>	AU	Steve McDuffie
20	DOE G 421.1-2A (DOE G 421.1-2)	<i>Implementation Guide for Use in Developing Documented Safety Analyses to Meet Subpart B of 10 CFR 830</i>	AU	Bill Weaver
21	DOE O 422.1 Admin Chg 2 (DOE O 5480.19 Chg 2)	<i>Conduct of Operations</i>	AU	Steve McDuffie
22	DOE G 423.1-1B (DOE G 423.1-1)	<i>Implementation Guide for Use in Developing Technical Safety Requirements</i>	AU	Steve McDuffie
23	DOE G 424.1-1B Admin Chg 2 (DOE G 424.1-1A)	<i>Implementation Guide for Use in Addressing Unreviewed Safety Questions Requirements</i>	AU	Steve McDuffie
24	DOE O 425.1D Admin Chg 1 (DOE O 425.1C)	<i>Verification of Readiness to Start Up or Restart Nuclear Facilities</i>	AU	Bill Weaver
25	DOE O 426.1 Chg 1	<i>Federal Technical Capability</i>	AU	Bill Weaver

	DOE Directives¹ as of September 2016 (Corresponding archived Directives as listed in 2007 DOE O 410.1)	Title	Office of Primary Interest	Responsible EM CNS Staff
	(DOE P 426.1 and DOE M 426.1-1A)			
26	DOE O 426.2 Admin Chg 1 (DOE O 5480.20A Chg 1)	<i>Personnel Selection, Training, Qualification, and Certification Requirements for DOE Nuclear Facilities</i>	AU	Bill Weaver
27	DOE G 430.1-2 (DOE G 430.1-2)	<i>Implementation Guide for Surveillance and Maintenance During Facility Transition and Disposition</i>	EM	Steve McDuffie
28	DOE G 430.1-3 (DOE G 430.1-3)	<i>Deactivation Implementation Guide</i>	EM	Steve McDuffie
29	DOE G 430.1-4 (DOE G 430.1-4)	<i>Decommissioning Implementation Guide</i>	EM	Steve McDuffie
30	DOE G 430.1-5 (DOE G 430.1-5)	<i>Transition Implementation Guide</i>	EM	Steve McDuffie
31	DOE O 433.1B Admin Chg 1 (DOE O 433.1A)	<i>Maintenance Management Program for DOE Nuclear Facilities</i>	AU	Steve McDuffie
32	DOE G 433.1-1A Admin Chg 1 (DOE G 433.1-1)	<i>Nuclear Facility Maintenance Management Program Guide for Use with DOE O 433.1</i>	AU	Steve McDuffie
33	DOE O 435.1 Chg 1 (DOE O 435.1 Chg 1)	<i>Radioactive Waste Management</i>	EM	Amanda Anderson
34	DOE M 435.1-1 Admin Chg 2 (DOE M 435.1-1 Chg 1)	<i>Radioactive Waste Management Manual</i>	EM	Amanda Anderson
35	DOE G 435.1-1 series (DOE G 435.1-1 series)	<i>Implementation Guide for Use with DOE M 435.1-1</i>	EM	Amanda Anderson

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36	DOE O 440.1B Chg 2 (DOE M 440.1-1A, DOE G 440.1 series)	<i>Worker Protection Program for DOE (Including the National Nuclear Security Administration) Federal Employees</i>	AU	Bill Weaver
37	DOE G 441.1-1C Admin Chg 1 (DOE G 441.1-1B)	<i>Radiation Protection Programs Guide for Use with Title 10, Code of Federal Regulations, Part 835, Occupational Radiation Protection</i>	AU	Amanda Anderson
38	DOE O 442.2 (DOE P 442.1 and DOE M 442.1-1)	<i>Differing Professional Opinions on Technical Issues Related to Environment, Safety, and Health</i>	AU	Caroline Garzon
39	DOE O 442.1A (DOE O 442.1A)	<i>Department Of Energy Employee Concerns Program</i>	AU	Caroline Garzon
40	DOE G 442.1-1 (DOE G 442.1-1)	<i>Department of Energy Employee Concerns Program Guide</i>	Office of Economic Impact and Diversity (ED)	Caroline Garzon
41	DOE P 450.4A (DOE P 450.4, DOE P 450.7, DOE P 411.1, DOE P 450.2A, and DOE P 441.1)	<i>Integrated Safety Management Policy</i>	AU	Bud Danielson
42	DOE O 450.2 (DOE M 450.4-1)	<i>Integrated Safety Management</i>	AU	Bud Danielson
43	DOE G 450.4-1C (DOE G 450.3-3 and DOE G 450.4-1B)	<i>Integrated Safety Management System Guide</i>	AU	Bud Danielson
44	DOE O 451.1B Chg 1 (DOE O 451.1B Chg 1)	<i>National Environmental Policy Act Compliance Program</i>	Office of General Counsel (GC)	Caroline Garzon

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45	DOE O 452.1E (DOE O 452.1C)	<i>Nuclear Explosive and Weapon Surety Program</i>	NA	Responsibility of CDNS Staff
46	DOE O 452.2E (DOE O 452.2C and DOE M 452.2-1)	<i>Nuclear Explosive Safety</i>	NA	Responsibility of CDNS Staff
47	DOE P 454.1 Chg 1 (Admin Chg) (DOE P 454.1)	<i>Use of Institutional Controls</i>	AU	Steve McDuffie
48	DOE O 458.1 Admin Chg 3 (DOE O 5400.5 Chg 2)	<i>Radiation Protection of the Public and the Environment</i>	AU	Amanda Anderson
49	DOE O 460.1C (DOE O 460.1B)	<i>Packaging and Transportation Safety</i>	EM	Amanda Anderson
50	DOE G 460.1-1 (DOE G 460.1-1)	<i>Packaging and Transportation Safety</i>	EM	Amanda Anderson
51	DOE G 460.2-1 (DOE G 460.2-1)	<i>Implementation Guide for Use with DOE O 460.2 Departmental Materials Transportation and Packaging Management</i>	EM	Amanda Anderson
52	DOE M 460.2-1A (DOE M 460.2-1)	<i>Radioactive Material Transportation Practices Manual</i>	EM	Amanda Anderson
53	DOE O 461.1C (DOE O 461.1A)	<i>Packaging and Transfer or Transportation of Materials of National Security Interest</i>	NA	Amanda Anderson
54	DOE O 461.2 (DOE M 461.1-1 Chg 1)	<i>Onsite Packaging and Transfer of Materials of National Security Interest</i>	NA	Amanda Anderson

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55	DOE O 473.3A (DOE M 470.4-2 Chg 1)	<i>Protection Program Operations</i>	AU	Caroline Garzon
56	DOE O 474.2 Admin Chg 4 (Pg Chg) (DOE M 470.4-6 Chg1)	<i>Nuclear Material Control and Accountability</i>	AU	Bill Weaver
57	DOE O 5480.30 Chg 1 (DOE O 5480.30 Chg 1)	<i>Nuclear Reactor Safety Design Criteria</i>	AU	Bill Weaver
Cancelled Directives Since 2007				
	DOE P 410.1A cancelled by DOE Notice (N) 251.85	<i>Promulgating Nuclear Safety Requirements</i>	AU	
	DOE P 413.1 cancelled by DOE N 251.99	<i>Program and Project Management Policy for the Planning, Programming, Budgeting and Acquisition of Capital Assets</i>	MA	
	DOE P 413.2 cancelled by DOE N 251.94	<i>Value Engineering</i>	MA	
	DOE G 421.1-1 cancelled by DOE N 251.93	<i>DOE Good Practices Guide Criticality Safety Good Practices Program Guide for DOE Nonreactor Nuclear Facilities</i>	AU	
	DOE P 430.1 cancelled by DOE N 251.102	<i>Land and Facility Use Planning</i>	MA	
	DOE P 450.3 cancelled by DOE N 251.103	<i>Authorizing Use of the Necessary and Sufficient Process for Standards-Based Environment, Safety and Health Management</i>	AU	

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DOE P 455.1 cancelled by DOE N 251.106	<i>Use of Risk-Based End States</i>	EM	
DOE G 450.1-1A cancelled by DOE N 251.96	<i>Implementation Guide for Use with DOE O 450.1</i>	AU	
DOE G 450.1-2 cancelled by DOE N 251.96	<i>Implementation Guide for Integrating Environmental Management Systems into Integrated Safety Management Systems</i>	AU	
DOE G 450.1-5 cancelled by DOE N 251.82	<i>Implementation Guide for Integrating Pollution Prevention into Environmental Management Systems</i>	AU	
DOE M 450.3-1 cancelled by DOE N 251.103	<i>DOE Closure Process for Necessary and Sufficient Sets of Standards</i>	AU	
DOE G 450.3-1 cancelled by DOE N 251.101	<i>Documentation for Work Smart Standards Applications</i>	AU	
DOE G 450.3-2 cancelled by DOE N 251.101	<i>Attributes of Effective Implementation</i>	AU	